



**SDI Review Form 1.6**

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	Ms_PSIJ_39806
Title of the Manuscript:	Morphometric studies of pebbles from Ewen area, Calabar Flank, Southeastern Nigeria: implications for paleoenvironmental reconstruction
Type of the Article	Original Research Article

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Compulsory</b> REVISION comments	<p>The manuscript entitled "<b>Morphometric studies of pebbles from Ewen area, Calabar Flank, Southeastern Nigeria: implications for paleoenvironmental reconstruction</b>" could be significant to understand the paleoenvironment around Ewen region of Southeastern Nigeria. Meanwhile, I have gone through the manuscript and found some issues which need to be rectify while submitting the revise version. My main concerns are as follows:</p> <p>(1) Title has to revise as "<b>Pebble morphometry of Ewen area, Calabar Flank, Southeastern Nigeria: implications for paleoenvironmental reconstruction</b>"</p> <p>(2) In abstract section "The result.....roundness chart" should go to methodology section.</p> <p>(3) The values need not to be discussed in abstract. Here, only mentioned the variety of depositional setting obtained from your results and also discuss the distinguished paleoenvironment conditions in and around the studied sector.</p> <p>(4) In Abstract section, revise sentences from "these were.....transitional setting".</p> <p>(5) Elaborated the Introduction section more to understand how the pebble morphometry is useful with cited the previous work.</p> <p>(6) In Introduction section: Separate the Para from Morphometric characteristics.....sedimentary environment".</p> <p>(7) Separated the Paragraph after "Initial Study.....Nigeria" with merging Lines 14-15.</p> <p>(8) Some of the Figures are good quality but poorly explain.</p> <p>(9) In Geological setting section: revise the para with resolving the grammatical mistakes.</p> <p>(10) In Result and discussion section: Line 91-92 has to place in methodology section.</p> <p>(11) Use only one format either Figure or Fig. throughout the text and Captions to the Figures as well.</p> <p>(12) Most important the authors have ascribed the general morphology of Pebble in result and discussion section and lacking to explanation the palaeoenvironment conditions around Ewen region. It is based on assumptions only as the data is poorly discussed.</p>	
<b>Minor</b> REVISION comments	<p><b>Line 23:</b> add references</p> <p><b>Line 23-24:</b> Sentences seems incomplete please likely to mention the author name first than number in superscript e.g, Reymen<sup>7</sup>. After completing the sentence reference should be mentioned in number similar in line 20. Furthermore, if sentences are completing with "by", "according to" in such case first specify author name and then add given number in superscript as suggested above. Change text accordingly.</p> <p><b>Line 27:</b> after "Awi formation " add the references citing the previous work on similar theme such as Essien NU et al., 2016 (pebble Morphometry) with explaining how the present investigation differ from previous vis as vis cited other related articles published from Awi area.</p> <p><b>Line 61:</b> change the word "graciously" with other suitable word.</p> <p><b>Line 61-68:</b> needs to be revised.</p> <p><b>Line 126-127:</b> needs to be revised.</p> <p><b>Line 149-150:</b> Delete the sentences "the factor..... his interpretation. There is no significance of this.</p> <p><b>Figure 1:</b> Legend and words inside the map are not visible. Why the GMS and Amphibolite shown in map which resembling the lithological profiles around the Ewen area (See colours code in legend). In view of that geological map has to be required.</p>	



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	<p><b>Figure 2:</b> Have the author prepared the tectonic map during present investigation? If the area was not map for present study then reference should be provided in parenthesis and also likely to combine the Figures 1 and 2.</p> <p><b>Fig. 3:</b> Have the authors prepared the litholog? If not please cite the reference in Parenthesis.</p> <p><b>Fig. 6:</b> Use "highly" instead of "very" e.g., "Very Bladed" to "Highly Bladed".</p>	
<b><u>Optional/General</u></b> comments		

**Reviewer Details:**

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